

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/539,257  
Source: PC/10  
Date Processed by STIC: 6/24/05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 06/24/2005

PATENT APPLICATION: US/10/539,257

TIME: 15:19:44

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\06242005\J539257.raw

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3 <110> APPLICANT: Schwarz, Herbert
4      Wittmann, Margarethe
6 <120> TITLE OF INVENTION: Use of CD137 antagonists for the treatment of tumors
8 <130> FILE REFERENCE: S 0009 WO
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/539,257
C--> 11 <141> CURRENT FILING DATE: 2005-06-16
13 <150> PRIOR APPLICATION NUMBER: EP 02028264.6
14 <151> PRIOR FILING DATE: 2002-12-16
16 <160> NUMBER OF SEQ ID NOS: 2
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 1419
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
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30 acctgtcgca gatttcatca tgggaaacag ctgttacaac atagtagcca ctctgttgct      180
32 ggtcctcaac tttgagagga caagatcatt gcaggatcct tgtagtaact gccagctgg      240
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36 cagcgcagggt ggacaaagga cctgtgacat atgcaggcag tgtaaagggtg ttttcaggac      360
38 caggaaggag tgttcctcca ccagcaatgc agagtgtgac tgcactccag ggtttcactg      420
40 cctgggggca ggatgcagca tgtgtgaaca ggattgtaa caaggtcaag aactgacaaa      480
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48 gcctgccctt gcgagagagc caggacactc tccgcagatc atctccttct ttcttgcgct      720
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68 gtaaagatgg catttcgcca tgttgtacag gctgggtctca aactcctagg ttcacttttg      1320
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76 <211> LENGTH: 255
77 <212> TYPE: PRT
78 <213> ORGANISM: Homo sapiens

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80 &lt;400&gt; SEQUENCE: 2

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87          20          25          30
90 Ala Gly Thr Phe Cys Asp Asn Asn Arg Asn Gln Ile Cys Ser Pro Cys
91          35          40          45
94 Pro Pro Asn Ser Phe Ser Ser Ala Gly Gly Gln Arg Thr Cys Asp Ile
95          50          55          60
98 Cys Arg Gln Cys Lys Gly Val Phe Arg Thr Arg Lys Glu Cys Ser Ser
99 65          70          75          80
102 Thr Ser Asn Ala Glu Cys Asp Cys Thr Pro Gly Phe His Cys Leu Gly
103          85          90          95
106 Ala Gly Cys Ser Met Cys Glu Gln Asp Cys Lys Gln Gly Gln Glu Leu
107          100          105          110
110 Thr Lys Lys Gly Cys Lys Asp Cys Cys Phe Gly Thr Phe Asn Asp Gln
111          115          120          125
114 Lys Arg Gly Ile Cys Arg Pro Trp Thr Asn Cys Ser Leu Asp Gly Lys
115          130          135          140
118 Ser Val Leu Val Asn Gly Thr Lys Glu Arg Asp Val Val Cys Gly Pro
119 145          150          155          160
122 Ser Pro Ala Asp Leu Ser Pro Gly Ala Ser Ser Val Thr Pro Pro Ala
123          165          170          175
126 Pro Ala Arg Glu Pro Gly His Ser Pro Gln Ile Ile Ser Phe Phe Leu
127          180          185          190
130 Ala Leu Thr Ser Thr Ala Leu Leu Phe Leu Leu Phe Phe Leu Thr Leu
131          195          200          205
134 Arg Phe Ser Val Val Lys Arg Gly Arg Lys Lys Leu Leu Tyr Ile Phe
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138 Lys Gln Pro Phe Met Arg Pro Val Gln Thr Thr Gln Glu Glu Asp Gly
139 225          230          235          240
142 Cys Ser Cys Arg Phe Pro Glu Glu Glu Glu Gly Gly Cys Glu Leu
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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/539,257

DATE: 06/24/2005

TIME: 15:19:45

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\06242005\J539257.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date